

What is claimed is:

1. A dispenser for dispensing pulverulent coating material, the dispenser including an opening through which the pulverulent material is discharged and a conduit through which the pulverulent material is transported from a source to the opening, the conduit including a seal member providing a lumen, a first member including a first reducer section including a lumen and a first feature and a second member including a first expander section including a lumen and a second feature, the first and second features cooperating to define a space for accommodating the seal member between the first reducer section and the first expander section.
2. The apparatus of claim 1 wherein the conduit further includes a lumen providing a second reducer section including a lumen, and a second expander section including a lumen.
3. The apparatus of claim 1 wherein the first member is provided in a first structural component and the second member is provided in a second structural component adapted to be selectively coupled to the first structural component, the seal member sealing the selective coupling between the first and second structural components.
4. The apparatus of claim 1 wherein the lumen of the first reducer section includes a first cross-sectional area at an outlet end thereof, the lumen of the first expander section includes a second cross-sectional area at an inlet end thereof, and the lumen of the seal member provides a transition from the first cross-sectional area to the second cross-sectional area.
5. The apparatus of claim 1 wherein the lumen of the first reducer section includes a first cross-sectional area at an inlet end thereof and a second cross-sectional area at an outlet end thereof, the cross sectional area of the lumen in the first reducer section decreasing uniformly from the first cross-sectional area to the second cross-sectional area.
6. The apparatus of claim 5 wherein the lumen of the first expander section includes a third cross-sectional area at an inlet end thereof and a fourth cross-sectional area at an outlet end thereof, the cross sectional area of the lumen in the first expander section increasing uniformly from the third cross-sectional area to the fourth cross-sectional area.
7. The apparatus of claim 1 wherein the lumen of the first expander section includes a first cross-sectional area at an inlet end thereof and a second cross-sectional area at an outlet end thereof, the cross sectional area of the lumen in the first expander section increasing uniformly (linearly) from the first cross-sectional area to the

second cross-sectional area.

8. The apparatus of claim 2 wherein the lumen of the second reducer section includes a first cross-sectional area at an inlet end thereof and a second cross-sectional area at an outlet end thereof, the cross sectional area of the lumen in the second reducer section decreasing uniformly from the first cross-sectional area to the second cross-sectional area.

9. The apparatus of claim 8 wherein the lumen of the second expander section includes a third cross-sectional area at an inlet end thereof and a fourth cross-sectional area at an outlet end thereof, the cross sectional area of the lumen in the second expander section increasing uniformly from the third cross-sectional area to the fourth cross-sectional area.

10. The apparatus of claim 2 wherein the lumen of the second expander section includes a first cross-sectional area at an inlet end thereof and a second cross-sectional area at an outlet end thereof, the cross-sectional area of the lumen in the second expander section increasing uniformly from the first cross-sectional area to the second cross-sectional area.

11. The apparatus of claim 8 wherein the lumen of the first reducer section includes a third cross-sectional area at an inlet end thereof and a fourth cross-sectional area at an outlet end thereof, the cross-sectional area of the lumen of the first reducer section decreasing uniformly from the third cross-sectional area to the fourth cross-sectional area.

12. The apparatus of claim 11 wherein the lumen of the second expander section includes a fifth cross-sectional area at an inlet end thereof and a sixth cross-sectional area at an outlet end thereof, the cross-sectional area of the lumen of the second expander section increasing uniformly from the fifth cross-sectional area to the sixth cross-sectional area.

13. The apparatus of claim 12 wherein the lumen of the first expander section includes a seventh cross-sectional area at an inlet end thereof and an eighth cross-sectional area at an outlet end thereof, the cross-sectional area of the lumen of the first expander section increasing uniformly from the seventh cross-sectional area to the eighth cross-sectional area.

14. A dispenser for dispensing pulverulent coating material, the dispenser including an opening through which the pulverulent material is discharged and a conduit through which the pulverulent material is transported from a source to the opening, the

conduit including a first reducer section, a first expander section, a second reducer section, and a second expander section.

15. The apparatus of claim 14 wherein the first reducer section includes a first cross-sectional area at an inlet end thereof and a second cross-sectional area at an outlet end thereof, the cross-sectional area of the first reducer section decreasing uniformly from the first cross-sectional area to the second cross-sectional area.

16. The apparatus of claim 15 wherein the first expander section includes a third cross-sectional area at an inlet end thereof and a fourth cross-sectional area at an outlet end thereof, the cross sectional area of the first expander section increasing uniformly from the third cross-sectional area to the fourth cross-sectional area.

17. The apparatus of claim 14 wherein the first expander section includes a first cross-sectional area at an inlet end thereof and a second cross-sectional area at an outlet end thereof, the cross sectional area of the first expander section increasing uniformly from the first cross-sectional area to the second cross-sectional area.

18. The apparatus of claim 14 wherein the second reducer section includes a first cross-sectional area at an inlet end thereof and a second cross-sectional area at an outlet end thereof, the cross sectional area of the second reducer section decreasing uniformly from the first cross-sectional area to the second cross-sectional area.

19. The apparatus of claim 18 wherein the second expander section includes a third cross-sectional area at an inlet end thereof and a fourth cross-sectional area at an outlet end thereof, the cross sectional area of the second expander section increasing uniformly from the third cross-sectional area to the fourth cross-sectional area.

20. The apparatus of claim 14 wherein the second expander section includes a first cross-sectional area at an inlet end thereof and a second cross-sectional area at an outlet end thereof, the cross sectional area of the second expander section increasing uniformly from the first cross-sectional area to the second cross-sectional area.

21. The apparatus of claim 19 wherein the first reducer section includes a fifth cross-sectional area at an inlet end thereof and a sixth cross-sectional area at an outlet end thereof, the cross-sectional area of the first reducer section decreasing uniformly from the fifth cross-sectional area to the sixth cross-sectional area.

22. The apparatus of claim 21 wherein the first expander section includes a seventh cross-sectional area at an inlet end thereof and an eighth cross-sectional area at an outlet end thereof, the cross-sectional area of the first expander section increasing uniformly

from the seventh cross-sectional area to the eighth cross-sectional area.

23. The apparatus of claim 19 wherein the first expander section includes a fifth cross-sectional area at an inlet end thereof and a sixth cross-sectional area at an outlet end thereof, the cross-sectional area of the first expander section increasing uniformly from the fifth cross-sectional area to the sixth cross-sectional area.